


PC7 17 JUL 2001

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY DOCKET NUMBER <b>UPN-3963</b>
		U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5) <b>09/720,647</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US99/15062</b>	INTERNATIONAL FILING DATE <b>01 July 1999</b>	PRIORITY DATE CLAIMED <b>01 July 1998 and 11 May 1999</b>
<b>TITLE OF INVENTION CAVITY INDUCED ALLOSTERIC MODIFICATION OF INTERMOLECULAR INTERACTIONS AND METHODS OF IDENTIFYING COMPOUNDS THAT EFFECT THE SAME</b>		
<b>APPLICANT(S) FOR DO/EO/US Ramachandran MURALI and Mark I. GREENE</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f) ) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11. to 16. below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.  <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information:               <ul style="list-style-type: none"> <li>- Petition for Extension of Time</li> <li>- Copy of Notification of Missing Requirements dated February 7, 2001</li> </ul> </li> </ol>		

EXPRESS MAIL Mailing Label No. **EL 922205703 US**  
 Date of Deposit: **July 17, 2001**  
 I hereby certify that this paper or fee is being deposited with the  
 United States Postal Service "Express Mail Post Office to  
 Addressee" service under 37 CFR 1.10 on the date indicated  
 above and is addressed to the Assistant Commissioner for Patents,  
 Washington, D.C. 20231  
 MAILER John Hill  
 SIGNATURE 

U.S. APPLICATION NO. (if known 37 C.F.R. 1.5)  
09/720,647

INTERNATIONAL APPLICATION NO.  
PCT/US99/15062

ATTORNEY DOCKET NUMBER  
UPN-3963

17.    The following fees are submitted:

**Basic National Fee (37 CFR 1.492(a)(1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO.....\$1,000.00

International preliminary examination fee (37 CFR 1.482 not paid to USPTO  
but International Search Report has been prepared by the EPO or JPO.....\$860.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but  
international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$710.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) but  
all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$690.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) and  
all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

Surcharge of \$130.00 for furnishing the oath or declaration later than    20    30 months from  
the earliest claimed priority date (37 CFR 1.492(e)).

Claims	Number Filed	Number Extra	Rate		
Total claims	- 20 =		X \$18.00	\$	
Independent Claims	- 3 =		x \$80.00	\$	
Multiple dependent claims(s) (if applicable)			+ \$270.00	\$	

**TOTAL OF ABOVE CALCULATIONS =**

   Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are  
reduced by 1/2.

**SUBTOTAL =**

Processing fee of \$130.00 for furnishing the English translation later the    20    30 months  
from the earliest claimed priority date (37 CFR 1.492(f)).

**TOTAL NATIONAL FEE =**

Fee for Petition for Extension of Time

**TOTAL FEES ENCLOSED =**

07/20/2001 MNGUYEN 00000130 09720647

01 FC:154

130.00 OP

Amount to be:  
refunded \$

charged \$

a.    A check in the amount of \$ 2,020.00 to cover the above fee is enclosed.

b.    Please charge my Deposit Account No. 23-3050 in the amount of \$        to cover the above fees. A duplicate copy of this sheet is enclosed.

c.    The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Mark DeLuca

Woodcock Washburn Kurtz

Mackiewicz & Norris LLP

One Liberty Place - 46th Floor

Philadelphia, PA 19103

(215) 568-3100

SIGNATURE

Paul K. Legaard

NAME

38,534

REGISTRATION NUMBER



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: ASSISTANT COMMISSIONER FOR PATENTS  
Box PCT  
Washington, D.C. 20231

MD (sc)

g

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/720647	MURALI	R
MARK DELUCA WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS ONE LIBERTY PLACE 46TH FLOOR PHILADELPHIA, PA 19103		UPN-3963
INTERNATIONAL APPLICATION NO.		
PCT/US99/15062		
I.A. FILING DATE		PRIORITY DATE
01 JUL 99		01 JUL 98
DATE MAILED: 07 FEB 2001		

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

- ☐ a Designated Office (37 CFR 1.494),  
☒ an Elected Office (37 CFR 1.495):

- ☒ U.S. Basic National Fee.  
☒ Copy of the international application in:  
☐ a non-English language.  
☒ English.

- ☐ Translation of the international application into English.  
☐ Oath or Declaration of inventors(s) for DO/EO/US.  
☐ Copy of Article 19 amendments.  
☐ Translation of Article 19 amendments into English.

- ☒ The International Preliminary Examination Report in English and its Annexes, if any.  
☐ Translation of Annexes to the International Preliminary Examination Report into English.  
☐ Preliminary amendment(s) filed \_\_\_\_\_ and \_\_\_\_\_.  
☐ Information Disclosure Statement(s) filed \_\_\_\_\_ and \_\_\_\_\_.  
☐ Assignment document.  
☐ Power of Attorney and/or Change of Address.  
☐ Substitute specification filed \_\_\_\_\_.  
☐ Verified Statement Claiming Small Entity Status.  
☐ Priority Document.

- ☒ Copy of the International Search Report ☐ and copies of the references cited therein.  
☐ Other:

2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.  
☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.  
☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).  
☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.  
☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.  
☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

**ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☒ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.

5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

***A copy of this notice MUST be returned with this response.***

Enclosed:

- ☐ PCT/DO/EO/917  
☐ PTO-875  
☐ Notice of Defective Translation  
FORM PCT/DO/EO/905 (December 1997)

COTTMAN, DARRELL C.

Telephone: 703-305-3693

RECEIVED

FEB 12 2001

Woodcock Washburn Kurtz  
Mackiewicz & Norris LLP

RECEIVED

FEB 12 2001

DOCKET DEPT.  
WWKMN